Established 1848.

TOTALE STATE STATE

TO

STABLISHED 184



The Dairy

MILK FILTERS.

In the RURAL WORLD for Oct. 15 article appeared with reference to sing and filtering milk, Milk once minated can not be cleaned. This is

contaminated can not be cleaned. This is
the conclusion reached by the writer of
the article referred to and is the opinion
of every student of modern dairy practice who has given the subject of santitary carrying any thought. Santiation by
conscientious dairymen means a neverending fight against dirt.

Dirt being "matter in the wrong place,"
includes any foreign matter which may
fail into the milk pail in the process of
milking or by subsequent handling. Milk
is one of the most healthful of foods if
properly handled, but where ignorance or
indifference is mixed up in the business
a sad mess is made of it. There are a
few model dairies in this country, which
stand as monuments of intelligence,
painstaking and innate appreciation of
real cleanliness—surgical cleanliness. real cleanliness surgical cleanliness. They have proved by varying methods that an absolutely clean milk can be pro-luced, which is an ideal infant food and duced, which is an ideal infant food and appreciated by discriminating patrons. Such milk was shipped to the Paris Exposition, and nineteen days after milking was sweet and delicious. When dairymen who sell their milk for city consumption realize that quality and cleaniness pay; that clean milk will stay sweet much longer than dirty milk; that but one trip is necessary where two must be hurriedly made under old methods for fear the stuff will sour on their hands, then will they—through self-interest, if not through pride—make every effort to produce clean milk.

milk.

The butter-maker also will find the flavor of his product vastly improved; in fact, cleanliness is the secret of highly flavored butter, as objectionable bacteria being absent a pure culture starter will ripen cream effectively without Pasteur-

The writer, who has to the subject of cleanly milk production to the subject of cleanly milk production for city trade, has devised a method for city trade, has devised a method

dict cannot be strained out of milk, there remained the alternative of keeping it out. emained the alternative or keeping it out, milking pail was procured having a our-inch hole in the closed top, in which ras set a tightly fitting wire cloth strain-r. This strainer would only keep out the tisible dirt, and as the invisible is danvisible dirt, and as the invisible is dan-gerous, not so much on account of its composition, but as being the vehicle for myriads of bacterial life, causing milk to sour, the inch-deep strainer was packed full of sterilised absorbent cotton, which acts as a filter in the process of milking. The cotton is used but once, no attempt ever being made to clean either that or the strainer cloths. It is not claimed that such milk would show no traces of bacteria, but that they

show no traces of bacteria, but that they are practically eliminated is shown by the fact that this milk, other requirements being observed, will keep sweet for three

eeks at a temperature of 45 degrees. The advantages of this pail and filter are obtained in the small exposure of sur face, by the case of keeping such a vessel clean (two pieces only), and by the fact that any dust or dirt falling while milkng is caught in the meshes of the wet absorbent cotton. Such milk shows absoassorbent cotton. Such milk shows asso-lutely no deposit in the bottom of bottles, and after being cooled and aerated pos-sesses a flavor and a character not possi-ble where the open pail comes from the barn peppered over with specks which break up and dissolve before the strainer con remove even the larger churks.

break up and dissolve before the strainer can remove even the larger chunks. The use of such a contrivance as described above does not permit carelessness in other directions; it is but one link in the chain. Just as much care should be observed in washing the teats and udder, and keeping cows, milkers and stable clean in cooling the milk while still warm, in thoroughly cleansing and sterilising every vessel and in keeping milk at a low temperature, say 45 to 50 degrees. Pasteurising kills by heat many of the bacteria, thus retarding decomposition, bacteria, thus retarding decomposition, but the flavor is impaired by this process

which requires expensive machinery.

We can recommend the absorbent cotton filter not only to the "fancy" dairyman who sells bottled milk or dollar a pound butter to high-class city trade, but to every dairyman who has an ambition for highest possible achievement.

AGAIN THE MISSOURI STATE DAIRY ASSOCIATION.

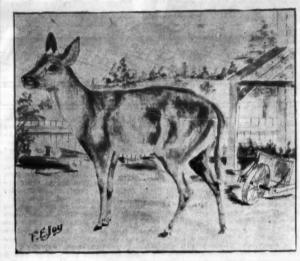
This is the last issue of the RURAL ORLD before the Dairy Association eets at Columbia on Nov. 11, 12 and 18. needless to urge attendance on those have attended dairy conventions know the benefits and pleasures to

who have attended dairy conventions. They know the benefits and pleasures to be derived from such gathering. There will be some new faces at the Columbia meeting, and it is our earnest desire to see as many of these as possible. The dairy industry is growing in Missouri. Meeting Mr. Sosey of the Palmyra "Spectator" at the banquet in connection with the dedication of the World's Fair Press building a few days ago, he said! "Marion county has shown a great growth in dairying within the last year, largely due to the inspirational effects of the state dairy meeting at Palmyra last fall. Hundreds of farmers who have grown nothing but wheat for years, with no profit, have taken up dairying and are

THIS ANIMAL IS HALF DEER AND

The Manchester, N. H., "Union" gives the following account of this very remarkable hybird:

Another freak has arrived in Claremont. This time it is an animal which is part calf and part buck deer. It originated at the Weathersfield town farm, where the dam, a 2-year-old Durham helfer, has been kept in a pasture which



ship and a closer acquaintanceship among members is commendable. We do not hesitate to commend the above suggestion to the dairymen who will meet at Columbia, and we trust that the friend quoted above will be among the first to respond.

THE BUTTER-MAKERS.

The gathering together of five hundred or a thousand people interested in any one line of work, enthusiasts in their profession. must result in good not only to the individual members thereof, but to

"Marion county has shown a great growth in dairying within the last year," "Marion county has shown a great growth in dairying within the last year," "Marion county has shown a great growth in dairying within the last year," "Marion county has shown because and if all dairymen were as how the state dairy meeting at Paymyra, last fall. Hundreds of farmers who have been forested to medically the state of the state dairy meeting at Paymyra, and at the state of the state dairy meeting at Paymyra, and at the state of the sta

Bender S. Astronomy of the control o

How about Superintendent Gregg? Why, he also is advocating the dual-purpose cow. He is doing so not only with tongue, but also with pen. Here then are two instances where the predilections were all the other way. Experience and observation have brought conviction in both instances, and if all dairymen were as honest and observing as these men they would soon have a very large following. I could go on and name other professors of colleges who have been forced to modify their views on this question or to entirely change them, but I think sumclent has been said to establish the point which I have attempted to make.

THOMAS SHAW, Editor "The Farmer," St. Paul, Minn. is advocating the dual-purpose

concerted action, organization, agitation and education. All this is possible only profession of butter-making from a different standpoint, which leaves him better dualified to endure the ills that come to him from day to day, better qualified to endure the ills that come to him from day to day, better qualified to endure the ills that come to him from day to day, better qualified to meet the requirements of his position as arbiter between the particle in another column to our readers. It was written in connection with the Milwaukee convention of the National Butter-Makers' Association, held Oct. 21-31:

THIS ANIMAL IS HALF DEER AND HALF CALF.

The Manchester, N. H., "Union" gives the following account of this very remarkable hybrid:

Another freak has arrived in Claremont. This time it is an animal which spart cylf and part buck deer. It originated at the Weathersfield town farm, where the dam, a 2-year-old Durham telfer, has been kept in a pasture which

5. 96. 96. 5. Peter Jensen, Hayward, Minn., 96.57. 6. H. T. Sondergaard, Litchfield, Minn.,

7. C. W. Sly, Le Suent, Minn., 88. J. O. Gibson, Beloit, Wis., 96.

I WILL CURE YOU OF RHEUMATISM

The success of co-operative dairies has promoted similar associations in other departments of farm work. For instance, the Swine Co-Operative Marketing Association distributes the money directly among the producers themselves.

In close connection with the co-operative dairies are the Danish Farmers Butter Export Association of Copenhagen, and the Co-Operative Butter Factory of Esberg, on the west coast. In the latter the butter received daily from the dairies is packed and immediately exported to England.

A hitherto unknown element in milk, a new ferment, has been discovered, called galactose, which is proving of value in the ripening of cheese, "Rural Home" says. The properties of this ferment are similar to secretion of the pancreatic organ in the human body. Old cheese is a predigested food, and the digestion is wrought by the galactose. It was found that the galactose would go on working at very low temperatures, temperatures at which bactemperatures, temperatures at which bac-teria were practically inert. Choese was put into refrigerators and kept frozen, for months. Other cheese was kept just above the freezing point. It was found that the fliest cheese is cured at from 40 to 45 de-

Figure 1 is about exhausted.

It is about exhausted.

At the colored clos is being a cliftowing make continues the production of the progress in since. We need that the last production of the properties of the properties of the production of the

over this country. Time will surely bring them back to at least the point of normal value. I confess there is something sweet in the sound of quotations of "prime steers, 85 per hundred," but it is too good to last. It, therefore, behooves every stockman and our general farmer especially to size up the situation as it is at present. In the wild rush for beef stock it is true that in many sections dairy interest eats have been seriously neglected. I do not advocate sudden changes of policy from beef to dairy farming, or the reverse, but I do believe that it will pay all men who own pure bred dairy stock, to give more attention to their herds.

Without doubt the boom in beef has led many dairymen to bring beef bred bulls into their herds for the purpose of improving the quality of their steers. I all know it is hard to resist temptation, but the best results come to the man who takes one line and consistently sticks to it.









his ""IDEAL"



OATALOGUE FREE.



My monthly regulator never fails, ladies. Box Free. DR. F. MAY, Bloomington, Ill.

Loomis Machine Co., Tiffin, Ohio. PAGE IF YOU WANT PAGE WOVEN WIRE FENCE CO., ADRIAN, NICE LAWN FENCE

Wood, Many designs. Cheep a wood, M page Catalogo free. Special Prime to Combarde and Cherchen. Address and Cherchen. SEVERAL PROFITS. ADVANCE FENCE.

U CREATER DURABILITY what better evidence does one used then the windpletter:

COLFAX, WASH. Sept. 10, 100.

In the last four years there have been somethingiery, and all the extras that have been formithed by
us are as follows:

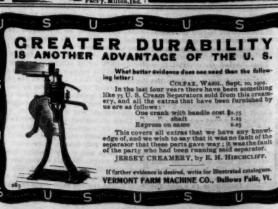
One crank with handle cost \$2,75

Express on same

Ass

This covers all extras that we have any knowledge of, and we wish to say that it was no fasthe fair
of the party who had been running said separator.

JERSEY CREAMERY, by E. H. HINCHCLIFT.



STEEL TANKS. l for Complete USTRATED CATALOGUE. DVG 2887 Pagin St. RADySterious; Re-

ice to rymen

avis Separator Ca., 4 M. Clinton St. HOAGO, MA.

EAL" The Slover Mig. Co., 634 River St., Freepart, Illinois.

HIS WILL

DES ALL WHOS OF WORK
me set of grinders without
ring them. The Tundems
seeps are obey on the horses.
learing. Be Frielian. It's
greent from all others. (Also Oak, No. 11

for coal, wood and lignite, larger sized Oaks and Ranges, Ceeks and Heaters in all styles at 1 factory prices, save you nearly one balf, stoves shipped subject to examination at your depot ory your money refunded.

OATALOGUE FREE.

CER'S BOX PRESS by In 10 hours or

DRILLING Co., Tiffin, Ohio.

want differ from all others, catalog. Send for it. ICE CO., ADBIAN NICH. LAWN FENCE

Many designs. Cheap as wood. Se page Catalogue free. Special Prices is Com-BOX 400 Windson, Inc. PROFITS. E FENCE.

5 LITY IE U. S. Sept. 10, 1008. been something rom this cream-en furnished by strated catalogues. cliows Falls, Vt.



times.

A more serious objection, and one which cannot in the nature of things be remedied. Is that environment largely determines the value of varieties. A variety which succeeds at an experiment



HOPTICUITUTE

***CATALOGY STATE AND ADDRESS STATE ADDRESS STATE AND ADDRESS STATE AD

Such as do many when prepared for the bits buy the problem and of the bits and the problem and



Going for the Doctor Watkins' Vegetable Anodyne Liniment.





New Improved Porter EAR CORN CRUSHER. It is the most practical Machine

WHITMAN AGRICULTURAL CO., St. Louis, Mo.







Writes a regular subscriber, who has read it for many years, of he

St. Louis Globe-Democrat

and this is the unanimous verdies of its more than half a million readers. It is ENYOND ALL OURFARMSON, the biggest, best and changest actional never and family bearant published in America. It is STRICTLY EMPUREACION in politice, but is above all ARMWORD ATMENTS gives ALL THE NEWS promptly, accurately and impactfully. IT is INDISTRIBLANCE to the Farmer, Marchant or Protections man who desires to keep theoremyly posted, but has not like time to work that of the protection of

Two Papers Every Week. Eight Pages each Tuesday and Friday. One Dollar For One Year. Sample Copies Free. GLOBE PRINTING CO.,

Rural World and Globe-Democrat—Either Address, Both for \$1.25 nst.

The Twice-a-Week Republic

is the Greatest and Bost of all Howepapers.

Its Telegraphic and Cable News Service excels that of any other paper. It prints the new news fully; not imaginative occurrences, but demostic and world-listant facts. Now is the time to subcoulde for the best medium keeping in toneh with the whole world. It is DEMOCHATIC in politics, but distinctly a NEWSPAPER and Family Journal.

REMEMBER

THE SUBSCRIPTION PRICE of \$1.00 gives you two papers each week, 104 papers a year. It is printed every Monday and Thursday. Address all orders to

THE REPUBLIC,

8T. LOUIS, MO. Rural World and Republic, either address, both for \$1.25 nst.

pon nale on neconance is acree, the proved, 45 tame meadow, balance timber; fine apringer; new frame house; at indeed fruit, abruber; as a constant or cheek; at indeed fruit, abruber; so large time and the perfect; pod stock form; a miles from county seat; want small suburber place mear live town. Price 55,569.

Box 144 Hartville, Mo.

PARMS.

FARMS

F



ASSOCIATION ANNUAL MEETING, New Orleans, Nov. 11-13. Annual Meeting Daughters of the Confederacy, New Orleans, Nov. 11-15.

Live Stock

DATE CLAIMS FOR LIVE STOCK

Chin dates for public sales will be published in this column free, when such sales are to be advertised in the RURAL WORLD. Otherwise they will be charged at pagular and an expension of the sales will be charged

ber 14.-Harry E. Lunt, Burden, nber 15.-A. B. Mull, Iola, Kas., Poland Chi

r 5.-J. D. Jesse, Browning, Mo., BERKSHIRE SWINE

ence, Kan.

ovember 18.—Kansas Breeders, Manhat-

Year, Kas. Sovember 12.—Combination sale Berk-shires, at Manhattan, Kas. Jov. 5, 1992.—Combination sale, East St. Louis, Ill.; Manager, C. H. C. Anderson,

Dec. 8, 1992—Combination sale Herkshifes, Mansger A. J. Lovejoy, Rescoce, Ill.; Clerk, Charles F. Mills, Springfield, Ill. Feb. 12.—Biltmore Farm's annual sale of Berkshire brood sows, Biltmore, N. C. SHORTHORN SHOWS AND SALES. Nov. 11.—J. J. Littrell, E. S. Stewart, Dr. J. F. Keith and J. H. Cottingham, at Sturgen, Mo.

HEREFORDS. November 18-19.-Marshall County (Kas.) Hereford Breeders' Association, Here-fords; E. E. Woodman, secretary. per 4-5.—American Hereford Breed Association, Chicago, Ill. Week of national Live Stock Exhibition. ember \$-3.—J. E. Logan and Benton abbert & Sons, Herefords, Kansas

10.-T. H. Pugh, Herefords,

City. 28-31, 1908.—T. F. B. Sotham, ds, Kansas City, Mo. 28-29.—Combination sale of Here-

Jas. A. Funkhouser, Herefords, Kansas anuary 28-29.—C. A. Jamison and others, Peoria, Ill., at Chicago. ebruary 10, 11, 12, 1903.—C. A. Stannard others, Herefords, at Okiahoms D. T. y 24-26, 1903.—C. A. Stannard and Herefords, Kansas City, Mo.

May 6-7, 1908—Colin Cameron, Herefords, Kansas City, Mo.

Deember 18.—Olifford Brox.

Ran, at Manhattan, Kan.

The Manhattan, Kan.

The Manhattan, Kan.

The Manhattan, Kan.

The Col. G. M. Casey. Chile

Story J. L.—D. E. Kellerman & Son.

Mound City, Kan., at Kanasa City.

Pebruary 18-3.—I. M. Forbes & Son. at
Chicago, Ill.

R.J. Rughes, Secretary.

STOCK NOTES.

Remember the offering of Shorthorns to

the sold at Harris, Mo., on Nov. 12. by
Measrs. Purdy Bros. They are offering a

good all-round to of cattic; they have
Bred some of the leading prize winners of

good all-round to of cattic; they have
bred some of the leading prize winners of

good all-round to of cattic; they have
bred some of the leading prize winners of

good all-round to of cattic; they have
bred some of the leading prize winners of

good all-round to of cattic; they have
bred some of the leading prize winners of

good all-round to of cattic; they have
bred some of the leading prize winners of

good all-round to of cattic; they have
bred some of the leading prize winners of

good all-round to of cattic; they have
bred some of the leading prize winners of

good all-round to of cattic; they have
bred some of the leading prize winners of

good all-round to of cattic; they have
bred some of the leading prize winners of

good all-round to of cattic; they have
bred some of the leading prize winners of

good all-round to of cattic; they have
bred some of the leading prize winners

of a result of the prize winners

are in this sale. This is a sale worth re
membering. You can get a catalog by addressing as above.

Any one wanting some good Shorthorns

that are Scotch and Scotch-topped should

dressing as above.

The combination sale at Shelbina, Mo., on Nov.

II. There are some spiendid cattle in the

ord shelbing and the prize winners of

the prize of the price of the proxy.

Shorthorn sale at Sturgeon, Mo., will forward cat
shops to be a second to be prize to be a second because the second shelbing winners of the proxy.

Shorthorn sale at Sturgeon, Mo., will forward cat
should be prize to be a sec

The whole herd gave avidence of having been under the immediate eye of an observant and careful owner. The peice realized by the tope must be gratifying to Mr. Hill, who has himself paid large sums for imported buils and cows to build up to the hard from and breed by Lord Amberst, L. was bought by G. H. Shith of Chillicothe, Ohio, at the handsome and record price of a Red Poll buil of \$1,200, Peony, an imported cow, bred by Baron Rothschild.

Mr. Hill, who has himself paid large sums for imported buils and cows to build up to the handsome and record price of a Red Poll buil of \$1,200, Peony, an imported cow, bred by Baron Rothschild.

Mr. Hill, who has bimself paid large sums for imported buils of the handsome and record price of a Red Poll buil of \$1,200, Peony, an imported cow, bred by Baron Rothschild.

Mr. Hill, who has bimself paid large sums for imported buils and cows to build up to the handsome and record price of \$1,250 for Popsey 3d, a cow bred by Laron Rothschild.

Mr. Hill, who has himself paid large sums for imported buils of the handsome and record price of a Red Poll buil of \$1,200, Peony, an imported buils of the form his old established and noted herd, of which the Scotch are Godoy has been at the head so long and has sired some of the best ani-long and has sired some of the best ani-long

head during the second month.

During December and January the cattle were fed in the same way except that SHORTHORN SALE AT FAYETTE. Mr. Chenault Todd's sale of Shorthorn cattle at his farm, four miles east of Fay-ette, Mo., on the 28th, was well attended, as almost all the cattle were of good qualthe hay about 10 pounds per day per head.

they were put up in dry lots, and we added some clover hay. The cattle eat of

ures. This is no surprise to those who know the excellent qualities of the Red Polls, but in addition to this was the great merit of individual members of the herd, and last, but by no means least, the held at Kansas City, Mo., on Nov. and last, but by no means least, the held at Kansas City, Mo., on Nov. and last, but by no means least, the held at Kansas City, Mo., on Nov. and last, but by no means least, the held at Kansas City, Mo., on Nov. and last, but by no means least, the held at Kansas City, Mo., on Nov. and last, but by no means least, the held at Kansas City, Mo., on Nov. and last, but by no means least, the held at Kansas City, Mo., on Nov. and look and loo

CATTLE.—Native receipts were more ate. Quality of beef steers was community and the community of the communi

chern-Herodros, Kanass City, Mo.

Ingress of the composition of the co

he close was fully steady with last week. SHEEP—Values ruled a little easier.



F. L. HACKLER, Lees Summit, Mo. Highland Park Herd.

Pol. Durham Cattle, Duroc-Jersey Hoge. Young took of both kinds for sale. Inspection of the herd invited. Address C. W. Johnson, Lexington,

CHORTHOBN CATTLE and large English
O Borkshire Hogs, all registered and of the very
best of breeding. Write me. J. E. BURGESS
Macedonis, Pholps Co., Mc.

FOR SALE. One good 4-year-old Registered Hereford Bull; weighs 2,500 lbs. One coming 2-year-old; weighs 1,600 lbs. Also Bull and Heiser Calves, all regis-tered. Prices to cell. Write or come and ses them. ED. C. WEERS, Eldon, Mc.

PIASA
BREEDING
and Bulls that will sire
FARM
BERING, B.13. Melville, Ill.

FOR SALE.

Shorthorn Cattle

Berkshire Hogs, Angora Gosis, Light Brahma and Golden Seabright chickens. Stock and eggs for sale Call on or address. J. J. LITTRELL. Sturgeou. Mo.

BOOLISH Red Polled Cattle
Enclulsh Red Polled Cattle
Enclulsh Red Polled Cattle
Encetock ET Four orders solicite
L. K. HASELTINE. Dorohester, Greene Co. Me
Teaders of Colman's Eural World longer than
any live-stock breeder in Shorthors Cattle, 18th
Duke of Cedarview 122991 in use. Up-to-date Poland China Hogs. Eggs from choice Plymouth
South Greenfeld, Mo., on K. G. & Fl. S. Branch of
Frizo System.



R. L. HARRIMAN,

...Live Stock Auctioneer...



Jas. W. Sparks. Live Stock Auctioneer,

J. ZACK WELLS, Sales made anywhere on earth Correspondence Solicited.

W. D. ROSS Live Stock Auctioneer
Your Patronago solicited. Terms reasonable.

GREAT COMBINATION SALE

KANSAS CITY STOCK YARDS

Saturday, November 28-29 Commencing at 1:00 p. m. Each Day, when 100 Head, consisting of

85 COWS and HEIFERS and 15 BULLS

from the Herds of

F. M. MARSHALL, Blackwater, Mo.,

SAM. W. ROBERTS, Pleasant Green, Mo., and W. P. HARNED, Vermont, Mo.

For Catalogues, address

SAM. W. ROBERTS

PLEASANT GREEN, Mo.

RAVENSWOOD HERD OF SHORTHORNS.

LAVENDER VISCOURT 134755, Champior Brail Two Years in Succession. Winsee the Armon Trophy for beat buil at the Kansac Cityabov of 1960 and grand champion over all at the Oblicago International of 1961 heads herd sanisted by the Oralexhank Victoris buil Royal Hampton by Merry Hampton. Buils and heiters for sale. O E. LEONARD & SON, Bell Air. Cooper County, Mo. Ed. Pattersen, Manager. Telegrap and shipping station, Busecton, and Shipping station, Succession, and Shipping station, S

COMBINATION SALE

BUNCETON, Mo., WEDNESDAY, Nov. 19, 1902.

40 FEMALES. 10 BULLS.

From the Herds of Ten of the Leading Herds of Cooper County, In the sale are a number of pure Scotch of the Cruickshank best families.

The females are mostly yearling and bred; a few cows with calves by side.

Bulls are all old enough for service. Five are pure Scotch and herd header

Sale under cover. For Catalogue, address

C. P. TUTT,

at FAIR GROUNDS, HARRIS, Mo.

Offering includes 50 head from the famous Fairview herd which now numbers 0 head. Strictly first-class Shorthorn eattle, bred for individual merit that wins the great shows. This is the greatest offering of Shorthorns ever offered in Sulline or adjoining counties. It includes 37 cows and heifers and 15 choice young bulls here will be cattle in this sale to suit everyone; cows in calf and cows with calculate their side, sired by our great herd bull Lord Lovell 130157. To the farmer and seeder we say this is the opportunity to buy blood that made Fairview Shorthorns mous. High prices are not expected. Every animal guaranteed a breeder. Our ung show herd will be on exhibition at this sale.

PURDY BROS.,

HARRIS, MO. Cols. SPARKS and GRAHAM, Auctioneers.

COMBINATION SALE **SHORTHORNS**

At STURGEON, Mo., Tuesday, November 11th, 1902.

40 HEAD J. J. LITTRELL, Sturgeon, Mo. DR. J. F. KEITH, Sturgeon, Mo.

E. S. STEWART, Sturgeon, Mo. J. H. COTTINGHAM, Clark, Mo.

Included in this sale are several Pure Scotch of the Cruickshank Violet, Butterfly and Sybli tribes. The balance are Scotch-topped with from two to four Cruickshank tops.

The females of suitable age will either have calves at foot or will be bred to one of the following Cruickshank bulls: Scotland's Crown 188994 by Imp. Lavender Lad 119937, Froud Robin 177806 by the \$1,000 Robin Adair 151303, or Hampton's Choice 177802 by the great Imp. Merry Hampton 132572.

Sale under cover.

Sale under cover.
For catalogue giving full particulars, address

E. S. STEWART, STURGEON, MO. Auctioneers, COLS. J. W. SPARKS and R. L. HARRIMAN.

50 REGISTERED SHORTHORNS

We will sell at public auction a draft of fifty head from our herds of Registered Short-horns, at Worland's Livery Barn, Shelbina, Missouri, on

Wednesday, November 12, 1902.

select foundation stock and are topped out with the very best Scotch blood, thereby producing an ideal cow for the farm.

Shorthorns as a breed need no recommendation from anyons. They have always been the leading cattle of all breeds; have taken more premiums, made higher averages in sale ring, and sold in greater numbers. Every breeder and farmer in reach should attend this sale. High prices are not expected and bargains will be plentful for buyers. At your price, not curs, everything will go just as advertised, including a draft of \$\$ head from the herd of the isse Thos. W. Ragodale, 10 head from the herd of his son. T. Weldon Ragodale, 10 head from the herd of \$\$ head. The hard head from the herd of \$\$ head of the head from the herd of \$\$ head from the \$\$ herd of \$\$ head from

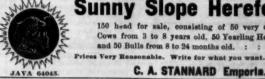
T. WELDON RAGSDALE. WM. R. TURNER, T. A. BAILEY.

. JAMES W. SPARKS, Auctioners, assisted by HARRY GRAHAM and LEE FRANCIS.

3 — A car load of bulls for private sale.

ST. LOUIS NATIONAL STOCK YARDS. THE LIVE STOCK MARKET OF ST. LOUIS.

National - Stock - Yards.
C. G. KNOX, V. Pres. C. T. JONES, Gen. Mgr. L. W. KRAKE, Arst. Gen. Mgr.



Sunny Slope Herefords. 150 head for sale, consisting of 50 very choice Cows from 3 to 8 years old, 50 Yearing Heifers, and 50 Bulls from 8 to 24 months old. : : : :

C. A. STANNARD Emporta, Kansas.

Scotch, Bates, Bates with Scotch Tops FOR SALE.—40 Registered Shorthorn Heifers from 6 to 8 months and Scotch with Bates Tops,

Rose of Sharon, Josephine, Phyllis, etc., and sired by Lochiel 119976, Scotch Minister 117204, Scotch Steward 178367.

SAM W. ROZETTS, Pleasant Crees, Ma.

..HEREFORDS..

600 HEAD IN HERD.

YOUNG STOCK FOR SALE.

CUDCELL & SIMPSON, MESONAN PROTECT YOUR STOCK AGAINST

By using "BLACKLEGINE," which is our well known Blackleg Vac-cine ready for use, and applied with an instrument that costs only 500. PASTEUR VACCINE CO., Ld., CHICAGO, NEW YORK, SAN FRANCISCO.

SUP Implement of all Bu As a Super Implement of all Bu As a Super Implement of the Implemen

Horseman



lon, Cald, 2:07%, by Highwood.

One of the latest petterns of sulk'es, which it is hoped by the inventor may enable a horse to cover a mile in two minutes or less on a trot, has but a single wheel, hence its name, the unicycle su ky. The Cleveland "Leader" says: "A little, cramped-up room at the corner of Michigan and Seneca streets contains a few

Caustic

pounds of steel, wood and rubber, which have been so cunningly devised and combined that they bid fair to revolutionise horse racing, and perhaps, lower the trotting record to a point under the two-minute mark. The new sulky, which has but one wheel, will weigh from twelve to sixteen pounds less than the lightest bicycle sulky. Road friction will be reduced one-half, and on curves centrifugal force will help to decrease rather than to increase friction. The unleyele racing machine is the invention of J. S. Scarborough, the inventor of the Jupiter steel process of the United States Steel Company.

Owners of mixed-gaited colts or fillies

the United States Steel Company.

Owners of mixed-gaited coits or filles that do not show evident signs of winning speed, although bred to do that very thing, should not become discouraged fater a short term of schooling the youngster, says Columbus in "Western Horseman." The extremely good pacing stallion, Guy Caton, 2:19%, that started green late in July last, and won seven first moneys, four second moneys and two third moneys, out of thirteen starts, was so badly mixed-gaited that he could not be driven the length of a city block at any prescribed gait, and was counted absolutely worthless by many observing horsemen. The was bred to go fast and stay, but a reliable connection had never here made between the best of the connection had never here made between the best of the connection had never here made between the best of the connection had never here made between the best of the connection had never here made between the best of the connection had never here made between the best of the connection had never here made between the best of the connection had never here made between the connection had never here.

on the ground that it was a dead heat be shared by Asote.

As we view the matter, one of the most remarkable performances of the year on the trotting turt is the great reduction of the two-mile trotting record by Onward Silver, says the "Western Horseman." Nine years ago Greenlander, by Princeps, dam Juno, by Hambletonian 10, placed the two-mile trotting record at 4:22, and there it remained till Onward Silver made his first effort at Lexington a couple of weeks ago, when he cut it to 4:23\(\frac{1}{2}\). At Memphis last week he took a shot at his Lexington record and cut it to 4:23\(\frac{1}{2}\). At Memphis last week he took a shot at his Lexington record and cut it to 4:23\(\frac{1}{2}\). At Memphis last week he took a shot at his Lexington record and cut it to 4:23\(\frac{1}{2}\). At Memphis last week he took a shot at his Lexington record and cut it to 4:23\(\frac{1}{2}\). At Memphis last week he took a shot at his Lexington record and cut it to 4:23\(\frac{1}{2}\). At Memphis last week he took a shot at his Lexington record and cut it to 4:23\(\frac{1}{2}\). At Memphis last week he took a shot at his Lexington record and cut it to 4:23\(\frac{1}{2}\). At Memphis last week he took a shot at his Lexington record and cut it to 4:23\(\frac{1}{2}\). At Memphis last week he took a shot at his Lexington record and cut it to 4:23\(\frac{1}{2}\). At Memphis last week he took a shot at his Lexington record and cut it to 4:23\(\frac{1}{2}\). At Memphis last week he took a shot at his Lexington record and out it to 4:23\(\frac{1}{2}\). At Memphis last week he took a shot at his Lexington record and out it to 4:23\(\frac{1}{2}\). At Memphis last week he took a shot at his Lexington record and out it to 4:23\(\frac{1}{2}\). When see size last. The record dam of Onward Silver was Kenton dam of Onward

The R. Contry, which is the control of the control The Breat French Voterinary Remedy.

A SAFE, SPEEDY AND POSITIVE CURE. PERSEDES ALL CAUTERY OF PIRING impossible to produce any acar or blemish. The first part life top ever used. Taken to place the place of the place o THE LAWRENCE-WILLIAMS CO., Cloveland, Ohio

BLUE BULL NOTES.

"The Horse Review" gives Drumme:
Boy as the sire of Arthur G.. 2:30. The
only Drummer Boy I know is a non-sexee,
son of Equity 8:98, that was owned and
kept at and near Nevada. Mo.
El Capitan 9:590 adds a new performer to
his list of pacers in the roan gelding Pat
sey, 2:25, driven by D. M. Ervin, at Car
rollton, Ill., and makes several new performers for Ervin in 1902. El Capitan was
sold by the Alta Plane Stock Farm, and
after the showing made by his daughter





H. H. HAMER, VERMONT, ILL.

fastest performer is To Order, 2:12%.

Mr. Orr paid a good price for Ashland Wilkes was the thing will hold true as to color, even though the sire and dam are of the same color. I call to mind several instances to 19 verify this last statement. It would seem unwise to assume that because we cannot unwise to assume that because we cannot the size and the same color. I call to mind several instances to 19 verify this last statement. It would seem unwise to assume that because we cannot unwise to assume that because we cannot the same that the season when the size that the season when the same that the season when the same that the record was made that the time of the hunting season when the size that the same that the record was made that the record that that time of the hunting season when the unstand why a blood line becomes potent at one time and throws to the surface a long submerged type and without the apparent changed conditions, another strain in ancestry comes to the fore and places itself in evidence.

The big game season in Maine, which opened October 1, promisees, says a Bangor writer in the Boston "Herald," to could that of last year. In all respects the strangers in blood. In another case the grandfather on the mother's side was of a sandy complexion. The son with the black hair, and it is not uncommon to meet persons that are largely duplicates of grandparents or even great grandparents.

In 1895 the writer had a Merino ram that In 1895 the writer had a Merino ram that In 1895 the writer had a Merino ram that In 1895 the writer had a Merino ram that In 1895 the writer had a Merino ram that In 1895 the writer had a Merino ram that In 1895 the writer had a Merino ram that In 1895 the writer had a Merino ram that In 1895 the writer had a Merino ram that In 1895 the writer had a Merino ram that In 1895 the writer had a Merino ram that In 1895 the writer had a Merino ram that In 1895 the writer had a Merino ram that In 1895 the writer had a Merino ram that In 1895 the writer had a Merino ram that In 189

rs are equally so in handling slown the ace? The Year Book furnishes some in-creating facts for study along this line. This list is doubtless incomplete, and

memory and dependent on the control of the control



WINCHESTEI

REPEATER" SMOKELESS POWDER SHOTGUN SHELLS. If you want a good low-priced Smokeless Powder "load," Winchester Factory Loaded "Repeater" Shells will surely suit you. Don't forget the name: Winchester "Repeater," THE YELLOW SHELL WITH THE CORRUGATED HEAD.

GRATTAN AND ALLERTON PUBLIC SALE. I will sell at public auction to the highest bidder the following standard and fashionably bred rotted in the first of the





CREAT ELECTRO-CHEMIC BELT Why be a sorrowful, WEAK MAN, when this ELECTRO-CHEMIC BELT will CURES THE

restore you to health and happiness? This great, free offer is made to you, and it holds good for a few days only, so WRITE TO-DAY.

Na IEW GRAYS OILY, SO WHILE IU-JAT.
Write to-day—it is yours for the asking without one cent of cost to you. This is a real gift
for advertising purposes. We are anxious to
give it it is will be of any help to you. You
simply send us your name and we send you the
der no circumstances ask for or accept any
money for it either now or in the future. This
is a plain, simple, positive statement of facts.
We guarantee it the Best Electric Belt made.
A few minutes' trial will prove to you tte powor, a week's wearing will restore strength and
All forms of:

We instruct Ann I type negative.

NERVOUS, SEXUAL, URINARY, KIDNEY AND LIVER DISEASES

BEST

HEIDELBERG MEDICAL INSTITUTE



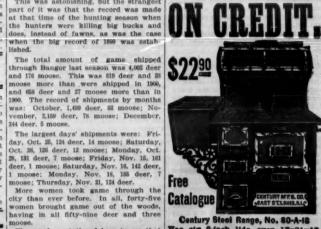
was so great that when the season closed the total number of deer taken through Bankor for the season was more than 500 larger than that for 1800, and over 600 greater than for the season of 1899, while the largest days shipments previous to that season were scores less than several days during the season.

Shoelng Horses

By R. Boylston Hall.

To close out last edition this book its offered at \$1.00. Send orders to anhor at No. \$\mathbf{E}\$ the thange Place, Room \$\mathbf{S}\$, Boston, Mass.

The law which was passed by the legislature of 1901 for the purpose of protecting life in the woods would appear to be a failure, for there never were in one year so many fatalities and shooting accidents as were recorded in 1901. In all there were twenty-three shooting accidents, and of these, nine proved fatal. Of the remaining fourteen several were seriously injured.



CENTURY - MANUFACTURING - CQ. East St. Louis. IIL

Written for the RURAL WORLD.

The crispy air and falling leaves bespeak The near approach of winter; silence In field and forest; hillsides bare and

hustle; it's almost Sunday morning." Latter the genuine shricks of horror, a sudden but the genuine shricks of horror, a sudden but for wraps and conveyances. gay good-byes, the roll of many wheels and the older once to train the younger." And at white huskin' is over.

INA MAY. Written for the RURAL WORLD.
NOVEMBER.

Written for the RURAL WORLD.
NOVEMBER.

Written for the RURAL WORLD.
COSMOS.

Way, star-like blossoms on thy slender stems; is made on the words at the could have them just as they would wish the third which is could have them just as they would as tens; is made at the could have them just as they would have the mother. On the could have them just as they would have the mother of the fallful Christian workers, the W. C. T. U.

May God help the mothers to see this mother, your child act upon it util the child is old and the could be mother, your child downer the collets, mother, your child of when the collets, mother, your child of when the collets, mother, your child of when the collets, mother, your child follow. The gorgeousness of the single by provide the stems of the plains, respectively the fingers of the carless froat the scalet and pink geraniums still show a seems formaken; somber clouds gilde by the fingers of the carless froat the scalet and pink geraniums still show a way seems formaken; somber clouds gilde by the fingers of the carless froat the scalet and pink geraniums still show a way seems formaken; somber clouds gilde by the fingers of the carless froat the scalet and pink geraniums still show a carl we seem formaken; somber clouds gilde by the fingers of the carless froat the scalet and pink geraniums still show a carle we should said, aside, aside, and the surface and pink geraniums still show a carle we should be surfaced, and hide saids aside, aside, aside, aside, aside, aside, aside, aside, aside, as you and gildesses in the human in the way of the first time in

and the pilled of our are getting to form a registring of our and the pilled of our are getting of our and the pilled of our are getting of our and the pilled of our are getting of our and the pilled of our are getting our and the pilled of our are getting our and the pilled of our are getting our and the pilled of the part. One dollar and fifty central properties that the pilled our and the pilled our are greatly and the pilled our are greatly the great and capping concentrations at every and clapping concentrations and the pilled our and the

I haven't much time to write, and am having a the open far from an experienced writer, but it

them now in business for themselves. Some have learned good trades. The colored man who is plastering my son-inlaw's new house earns three or four times as much money as, he could working as a common laborer, and he says that he gets all the work that he can do. The man who built the flues earned \$\hat{8}\$ a day and board. He said that he has earned as much as W a day working at his trade in citles. If we hire to work for another person we should do them good service. This is profitable both to ourselves and our employer.

I say, hurrah for the United States, the land of the homes of the brave, the fair and the free. MARGUERITE. Lewis County. Mo.

Bethers will sae "Mrs. Wissiow's Sociking Synsy' the best remedy for Oklidres Teebhing."

Written for the RURAL WORLD. GRIT.

All along the rugged pathway of life many obstacles are encountered. From the humbiest walks to the highest positions of affluence, difficulty bessets the way. The successful accomplishment of any object is only reached through unremitting toil. In the pursuit of the end desired grit is the general rule for its attainment, and is one in which there is no exception.

The motive power that moves all things, that were resoned to that moves all things, that were resoned to that they want to use up all your space, but I want to use up all your space, but I want to use up all your space, but I want to mention that

The section devices from the section of the section of the section devices and the section devices and

Under precisely the same conditions of temperature and humidity, drawn fowls will keep from 'wenty to thirty days longer than those not drawn. The presence of undigested food and excrementitions substances in animais which have been killed most certainly favors tainting of the fiesh and general decomposition. The viscera are the first parts to show putrescence, and to allow these to remain within the body cannot do otherwise than favor infection of the fiesh with bacteria and ptomaines, even if osmosis does not actually carry putrid juices to contiguous tissues. Hunters knew the value of drawing birds as soon as possible after they have been shot, in order to keep them sweet and fresh and to prevent their the opening of the body of an animal and exposing the internal surfaces to the air may have some inference of exposing the internal surfaces to the air if the entrails are torn and their commany have some influence of itself in hastening putrefaction is admitted, but when the process of drawing is properly conducted this secondary objection to its immediate performance may be entirely set asside. Absolute cleanliness should be





PLYMOUTH ROCKS — CLOSING OUT SALE.

roung and yearling stock. Write for burgain price and mention your wants. Our ranch is for sale. A splendid opening for the right party. MEPRETHI FOULTRY RANCH, New Florence, Me.













A NEW DEPARTURE WHICH: WILL, PLEASE YOU.

Mammoth Mail Order House

Mammoth Mail Order House

The stock contains everything for everybody. GROCERIES, DRY 40005, FURBITURE,
GLOTHING, SHORE, HATS, MILLINERY, FARM IMPLEMENTS, VENIGLES, SEWING MACHINES, ETC.

Our enormous business TRAIN LOADS OF 6000S consequently
demands of us to buy RAIN LOADS OF 6000S consequently
at a price so cheap that we sell to you at the price that use buy there
pays for his goods—WE SAVE YOU MIDDLEMAN'S FROETT
And test our ability to do as we say.

As an introductory sale, we will send
you upon \$1.55 this Solid Oak, Highly receipt of \$1.55 this Solid Oak, Highly recei

ABSOLUTELY FREE Don recipt of year which is fully listed everything needed in home or farm at prices that will surprise you. OUR PRICES (not our goods) ARE CHEAP.

BAITS ACTION OR DON'T BE STORY OF THE SURF OF

'MAPLE - GROVE - POULTRY - YARDS'

Prixe-winning Barred Plymouth Rocks, Mammoth Bronse Turkers, Pedigreed Scotch Collie Dogs. Won in Barred Rocks at Missouri State Show, Chillisotha, Mo., Dec., 10 to 13; 1st, 2d cock; 3d, 3d cki, pen; 1st, 32 4d, pullet; lat. Breeding Pen; 2d, Sweepstake in American class; 375 Sliver cup for best two cks, two ckis, two hens, two pullets. Barred Rocks owned by exhibitor. Will mate pairs, trios and pens at very low prices. Eggs in season. B. P. R., 35 per setting; 2 set 3; M. B. Turkeys, 31 per 3, 85 per 18.

MRS. DELLA MAXWELL, Fayette, Mo.





The Pig Pol

The P



FREE! NEW HOG BOOK

many times over by the extra flesh it will produce without extra feed, qualed success. It is a REMEDY—not a "food." None genuine with

I PAY FOR ALL HOGS THAT DIE

JOS. HAAS, V. S., INDIANAPOLIS, IND.

CREAT Berkshire Sale

WEDNESDAY, DECEMBER 3 AND 4, 1902, WEDNESDAY

70---Head of High-Class Berkshires----70

The consignments to this sale will be made'by the following well known breeders: I. N. Barker & Son. Theoretics, Ind., P. A. Cex, Brasiford, Ont., M. D. Painer, Man Joseph, P. F. Hillest, Vicannes, Riley's Sons, Thorntown, Ind.; J. B. Jimien, Onesida, Ill.; Thee, Teal & Son, Ulica, Iz.; James, Grand, Ill.; Thee, Teal & Son, Ulica, Iz.; James, Grand, Ill.; D. Green, Indianola, Ill. Thee, Teal & Son, Ulica, Iz.; James, Green, Indianola, Ill. Thee, Teal & Son, Ulica, Iz.; James, Ill.; James, Green, Indianola, Ill. Thee, Teal & Son, Ulica, Iz.; James, Ill.; James, J

POLAND CHINAS

Bost breeding and individuality. Barly spring Pigs, both sexes by Chief Helipse 22099, or ted \$7156 and Bunshine Chief \$7155 for sale at reasonable prices. Address 30 mi. E. K. C. E. E. AXLINE, Oak Grove, Mo.

FINE BERKSHIRES Of the best families at farmers' prices. Write for what you want, or, what is better, come and inspect the stock.

W. H. KER. Prairie du Rocher, ille.



WE have 24 very fine Gilts and Sows bred; all safe, and some are farrowing now. Prices right. Come and see them or write at once.

J. T. POLLARD, Fulton, Mo.



PLYMOUTH VARM CHESTER WHITES FOR SALE.—Pedigree spring pigs of either sex; pairs and trice not akin, representing best bloed line of the breed Satisfaction guaranteed Can ship over O. B. & C. O. or O. B. & P. By. Correspondence and inapection lavited. When writing describe buil of pig wasted. (Farm located ene mile from Farmington and two miles from Brainington and two miles from Brainington and two miles from Missouri line.)

Farmington, Van Buren Co., Iowa.

SUNNYSIDE HERD. Prize winning Berkshires and Shorthorn Cattle—young stock—for sale at all imes. Address HARRIS & McMAHAN, Lamine, Mo.

IOWA BANNER HERD. FEBRUARY, MARCH, APRIL, MAY and JUNE BOARS. line of Early Boars for sale at prices to correspond with their individuality and by ray heps at farmers prices. Mo cows offered at private sale. Brood cow sale Fab. 8, 1930.

Advices W. L. ADDY & SONS, PARNELL, NODA WAY CO.. MO.

Burlington

CHOOSE

When planning a California tour, select those routes which give one the best ideas of the West—its scenery, its cities and its farms. The Burlington forms part of 160 different routes to and from the Coast, chief among them, however, is the Burlington to Denver, through scenic Colorado and Sait Lake City—the all-year route; or the Burlington and Northern Pacific roads, via Billings, should the tour include the Puget Sound country (and it should by all means); again, the Northern Pacific or Great Northern lines in connection with the Burlington, via St. Paul. Over ninety per cent of all Coast tours may include the Burlington as a part.

part.

If it be not convenient to use the Burlington going, use it returning. It is just as good a road east-bound as west-bound. We run personally conducted excursions both ways, and two trains daily between Denver and St. Louis, Kansas City and Chicago.

We publish some illustrated descriptive folders, "To California Through Scenic Colorado," "California Tourist Excursions," "California," all free on request.

SPEND THE WINTER IN CALIFORNIA.

Describe your proposed trip and let us advise the least cost and point out how best to include the scenic features, the interesting cities, the most desirable side trips, etc.

J. G. DELAPLAINE, City Ticket Agont, S. W. Corner Broadway and Office Street, L. W. WAKELBY, General Passenger Agent, 604 Pine Street, St. Leuis, Mo.

CHAMPION PLOCKS.

Oxford-Downs.

South-Downs. GEO. McKERROW & SONS, Sussex, Wis. The best of both breeds always on hand.

FOR SALE

70 SHROPSHIRE BUCKS and 70 down blocky sort, for sale right. Address, ROBT. BAGNELL, Koping, Saline Co., No. tags, Same Laws, etc. ANDERSCH BROS.,
Dopt. 440 Main St., Minnespolis, Minnespolis,

Keep the sheep off the timothy meadows; they are such close feeders that they are apt to kill out the grass.

SHROPSHIRES.

Ose of Iswa's lasding feeks. Offices Canadi home-bred slock at moderate prices. One of Iowa's leading flooks. Oholes Canadian home-bred stock at moderate prices.

McFADDEN BROS., West Liberty, In.

HAMPSHIRE DOWN SHEEP. Best sheep on earth to cross on other breeds Sheep of all ages for sale at a bargain. Oldest flock in the state. Write for prices. JAMES W. TURNER. Shelbyville. Mo., Rex 144.

Stomach and Intestinal Worms.



The parasites do not prey alone upon the skin of the animal. Loss of appetite and apparent low spirits are a strong indication that worms are preying upon the stomach or intestines or both.

ZENOLEUM

drives them out. It purges the system and infrares new life into the animal. No danger of poisoning it. There is no poison in Zenesteem, yet it is the most powerful insect, and grein destroyer known. Zenesteem is everywhere recognised as the leading disinfectant. Used and endorsed by the Government Experiment Stations. The reconst National Live Stock Show at Chicago used is acculately and commended it highly. Sample guide in the companion of the control of the companion of the free copy of our booklets, "Figgie's Troubles," "Veterinary Advisor," etc.

Zenner Disinfectant Co., 30 Exchange Ave., Union Stock Yards, 50

The Markets

WHEAT-By sample, del.—No. 2 at 78c to 68% C W. and 68% C to 68 C W. side; No. 3 red to 68% C W. and 68% C to 68 C rected at 86c no-grade at \$50. to 0. 2 white

No. 4 at 68c for low to 68c for choice; rected at 86c no-grade at \$50. to 2 white lected at Se; no-grade at Se; No. 2 white QUINCES-55660 per ½-bu. basket. Colorado at 72½; No. 2 white at 64c; No. 2 CRAB APPLES-Michigan Hyslops at hard at 570% for Norbaska and Kansas; Si. 550% per bbl. turkey Tic; No. 3 hard at 54665½; No. 4 CRANBERRIES—New Cape Cod at 586

LINSEED OIL-Raw at 44c; boiled at

side.

DRIED GREEN PEAS—Jobbing from store: Ordinary at \$1.75; Scotch \$1.75; split \$2; blackeye \$2.25.

WHITE BEANS—Hand-picked beans in a small way from store at \$2.4062.46 per bu.; screened at \$1.35 per bu.; machine-picked at \$2.2562.30. Lima beans at 5%c per bt.; blackeye at \$2.25; California pink at 3%c93%c; lentils at 4%c; New York kidneys at 5%c.

SALIED-PRAITE—Overte, in chobbing way.

at 3/2609ac; lentin at 290; reew 107s au-neys at 5%.

8AUERKRAUT—Quote in jobbing way at 31.25 per bbl. On orders, dealers charge \$1.40 for ½-bbl. and \$2.00 for bbl.

EMPTY BARRELS—Coal oil, turpentine and gasoline %c; vinegar 75c; black oil 50c; linseed light oil and varnish 75c; suc-ar 15c; whisky 65c; do. half bbls. 65c; wine 86c; sauerkraut 35c; pickle 45c; sait 5c; flour 15c; molasses 30c; lard tes. 35c, 15c off for each broken head, 2c off for each hoop missing.

cey Tic; No. 3 hard at \$46684c; No. 4 CRANEERRIES—New Cape Cod at \$46686c; rejected at \$36650c.

DRN—Elevator buyers paid \$5c for No. 5 better new or old, and would not pay 30640c for bottom stock and \$40650c for ve that for No. 2, which sold in a full way at 47c for new No. 2 and 474c for feed at \$26650c for rough to \$3642c for old No. 2 and new No. 2 yellow del. No. choice to fancy Burbank and rural. Poor

EINSEED OIL—Raw at 44c; boned 55c; prices nominal.

CASTOR BEANS—11.25 per bu.

CASTOR OIL—Lots of 200 gais., 10½c per lb. for No. 1 and 10½c for No. 2; small quertities lc per lb. more; 10c for No. 2.

COTTON-BEED OIL—Winter white 45c; yellow 4c; summer white 39c; yellow 4c; summer white 39c; yellow 4c; swinder my white clover, 156/17c; inferior and broken less. Extracted and strained—Southern in bbis. 565/4c, in cans 6½67c. California, in cans 7½69c, in cans 6½67c. California, in cans 7½69c.

SALIT—E, side: Medium at 39c; granushit can be seed.

I intended sowing some Hairy vetch this I intended sowing some Hairy vetch this

will be favored with a Farmers' Insti-tute at La Monte.

Let all farmers within a reasonable dis-tance attend. We are promised some good institute workers on the occasion. Pettis Co., Mo. W. D. WADE.

NOTES FROM THE CLIFF.

Editor RURAL WORLD: Oc

saw it again on the 22d inst. It is not worth 2 cents per acre.

Effingham Co., Iii.

EXPERIENCE WITH ALFALFA.

Editor RURAL WORLD: This has been a season of extremes equal to 1901, the only difference being that it has been extremes being that it has been extremed being that it has been extended of abnormally dry. The contrast between last fall and this what we need, because it is often so wethere that it is impossible to sow early in the syntax will stand the wind shelled the wheat as it stood. Wheat sowing is nearly all done, and much is already up and looking well, but there is a smaller acreage sown than last year. There is plenty of feed, but much of it is of poor quality; rome of it was cut too late, while that which was cut early was damaged by rain. Now, on the 24th of October, everything is green, even tomato and sweet potato vines. Stock of all kinds is healthy and doing well. There was a fair crop of all kinds of fruit, but winter applies dropped badly in September and October, and there are now none to speak of.

Oklahoma Ranch 10i, described in the WINNE WIN

MOSB—Gray mixed 14,611%; gray, however, and black mixed 200%; machine places and places of the county in the count

light drag over the ground to cover use seed.

Intended sowing some their years that which was cut early was the fall, our registered it. I will try men text of the seed and a seed to the seed and server than the which was cut early was the fall of the which was cut early was the fall of the seed to the s

APPLES—Poor and soft slow sale and weak. Quote per bbl.: Ben Davis, poor at 756%c; fair to good at 180,115; which sape, poor, \$1.061.25, and choice to fancy \$1.756%c. \$50; willow twig and Roman beauty \$1.566.25; willow twig and Roman beauty \$1.566.25; seneting, fair, at \$1.25 to \$1.566 |

This been used for over sixty years will stream of the same produces it for him. Pastures have been exceedingly good. Stock are in fine shape. Feeding hogs are sare. Yery few cattle are going on feed as yet.

STOLAIR CO. (MO.) NOTES.

Editor RURAL WORLD: After having more than six months' continuous wet his freak of economy in saving a few dollars. Stock are in fine shape weed for ones management of crops after a kind Providence produces it for him.

Pastures have been exceedingly good. Stock are in fine shape. Feeding hogs are sare. Yery few cattle are going on feed as yet.

Pospects are none too flattering for the softens the gums, allays softly and it the best remedy for diagraphs. There is a check to the declining surves winds coiling until there is a check to the declining surves winds coiling figure that the years and set for "Miss." Wission's Soottle and so the kind. Twenty for large figure that the years and the weather of as any one could desire.

September had on an average one rainy southwest when a very much with a practical, well written and appreciated. A paper by Miss Anna Robinson of Liberty Prairie on "Simplicity in Living," showed careful preparation. The next sowing as yet.

Pastures have been exceedingly good. Stock are in fine shape. Feeding hogs are sare, any one could desire.

South of the paper on the "Relation of Domestic Science to the Public Schools." Her paper was well written and appreciated. A paper by Miss Anna Robinson of Liberty Prairie on "Simplicity in Living," showed careful preparation. The next sowing and triming's assession opened with a practical wheat and are strength wheat and are supported in the received working soft and the proportion of the was a stendy rain during the 2d, 3d and 4

From Ward's to You

The Ideal System of Merchandising

Our \$2,500,000 stock of general merchandise is illustrated and quoted in our 1,100-page catalogue No. 71, just from the printers, and it will be sent anywhere upon receipt of 15 cents to help pay the postage. Write to-day, enclose is cents in stamps or coin and ask for Catalogue and Buyer's Guide No. 71. Over 120,000 people did this last month.

Montgomery Ward & Co., Chicago "The House That Tells The Truth."

Buy your supplies direct and save the usual middlemen's profits. Are you so rich that you are not interested in making your mone; go as far as possible? We can save you \$1.00 out of every \$5.00 you spend. Our goods are purchased direct from the manufacturer and sold to our trade at practically wholesale prices. Over two million people are now patronizing us and buying everything they use at a saving of 15 to 40 per cent over the usual prices. These people are not going it blindly—they are the thinking people who know that a dollar saved is a dollar gained.

Account sharper hand single for the checker faster result. Fortherm on the control of the checker faster result. Fortherm on the checker faster result has a forther than the control of the checker faster result. For the checker faster result has a forther faster of the checker faster result. For the checker faster result has a forther faster of the checker faster result. For the checker faster result has a forther faster of the checker faster result. For the checker faster result has a forther faster of the checker faster result. For the checker faster result has a forther faster of the checker faster result. For the checker faster result has a forther faster result for the checker faster result. For the checker faster result has a forther faster result. For the checker faster result has a forther faster result for the checker faster result has a forther faster result. For the checker faster result has a forther faster result for the checker faster result faster result for the checker faster result faster result for the checker faster result faster resul

FARM AND STOCK SCALES.

Prices Not Controlled by Combination. QUALITY UNSURPASSED.

Our "Crescent" Wagon Scale The Best Value Ever A f-ton with heavy double brass beam, strong castings, forged from loops and steel be seam box, very simple to build, at 80.50, is the best bargain ever-offered in a farm scaled rithout first knowing how many goods to be had to sell. I gattance are without mumber without first knowing how many goods to be had to sell. I gattance are without number without first knowing beautiful and the sell of the

STANDARD SCALE & FIXTURES CO., ST. LOUIS, MO.

(Refer to Dun's or Bradstreets or any bank or banker at St. Louis.)



DR. J. E. BLAINE, Manager, 2803 Locust Street, St. Louis, Mo. Home Treatment for Tobacco and Neurasthenia.

BUSINESS POINTERS. HIGH HONORS FOR WINCHESTER

The reputation of the Winchester coating Arms Company, New Hi Conn., the largest manufacturers of and ammunition in the world, stand

style and all sizes of grinues, dairyman or be desired by the farmer, dairyman or live-stock feeder. One, two and four horse sweep milis and all kinds of power tills are embraced in the new line. They purchase. They will take pleasure in mail-ing you a copy if you will kindly mention our paper in writing to them.

reliable concern on another page. Al-though the price is low the grade is high, which is possible from the fact that all middle profits have been cut out. There is

J. E. HAYNES, Ames, Monroe Co., Ill.

SMART YOUTH sell my Chinese Curios. If he casch much
business be earn many cash. If
for package postage, I cond camples free.

ZAH SAH MOO, Shanghi, China. NEVER ROOT HOG @ Has we adjustable steel bindes.
Makes nose both ways (see cute.)
Marks all stock. Guaranteed. Price
Marks all stock. Guaranteed. Price
M. 1. Short Elp.. Co., Bex 115 Quincy, Ill.

THE ST. PAUL CALENDAR

six cheete 19:15 inches, of beautiful repreductive in colors, of pastel drawings by Bryson, is n ready for distributive and will be mailed un reconstructive to the color to the color of twenty for (2b) couls—color or stamps. Addre F. A. MILLER, General Pass. Agent, Chicago, Chicago

HALF FARE NEW ORLEANS!

Arcount American Federation of Lab leeting, NEW ORLEANS, Nov. 13-32, the MOBILE & OHIO R. R. will sell tickets on Nov. 11 and 11 at rate of One Fare for the reand trip. For particulars inquire of your home agent or any M. & O. representative.

Schools and Colleges. Busines BOOAT If you are o College increase in per cent ing the work of a strictly high-grad School. We refer to any bank in First-class facilities. Established & Address, Harnes' Business (Beard of Education Bidg., St.

ness Education and the Place to Get it

Do You Wish to Become is

Betablish a Home of Your Own

FREE ELECTRIC BELT OFFER



WESTERN LINES

B. & O. S. W. R. R.
Nov. 1(th, 17th and 13th,
Good returning to Nov. 30th,

One Fare Plus \$3.00 for the Ro

To all points in Contral Association for the printing, each of the western State Line of Indiana (Indiana) (Indiana)